



Patent  
Express Mail Label No. EV 686347989 US  
Atty. Dkt. No. 949797-100025 US

**N THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

**Roman Halko, et al.**

**Serial No.: 10/689,345**

**Filed: October 20, 2003**

**For: Hockey Stick**

**Docket No.: 949797-100025**

**Customer No.: 34026**

)  
) **Group Art Unit: 3711**

)  
) **Examiner: Graham, Mark S.**

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Patent Office. The items are listed on the attached form PTO-1449. Pursuant to the Official Gazette Notice of August 5, 2003 the U.S. patents and applications listed in the attached PTO-1449 form do not need to be submitted in that this application is being filed after June 30, 2003. A copy of this notice is attached hereto. Accordingly, Applicants are providing copies of only the non-U.S. patent documents (e.g. foreign patent documents and non-patent literature). Should copies of the U.S. patents and applications listed on the attached PTO Form 1449 be required in order for the those references to be duly considered, please advise and Applicants will provide copies of those references.

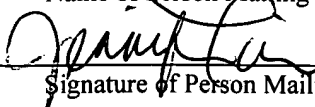
**CERTIFICATE OF MAILING**  
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

EV 686347989 US  
Express Mail Label No.

September 7, 2005  
Date of Deposit

Jennifer Tai  
Name of Person Mailing Paper

  
Signature of Person Mailing Paper

It should be understood, that the items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

**EXPLANATION OF RELEVANCE OF NON-TRANSLATED FOREIGN LANGUAGE REFERENCES:**

The attached form 1449 lists a number of foreign patent documents, several of which are not in the English language or are otherwise not translated in whole or in part. Accordingly, per 37 C.F.R. 1.98 (a)(3), the following is a concise explanation of the relevance of the foreign language references as presently understood is set forth below:

Kuulutusjulkaisu Utlagningsskrift 65018 is understood to be a patent published by Finland on November 30, 1983 and discloses a hockey stick as illustrated in FIGs. 1-6 of the drawings.

Offenlegungsschrift DE 32 38 117 A1 is understood to be a German unexamined patent application that was published on June 30, 1983 and discloses a hockey stick as illustrated in FIGs. 1-10 of the drawings.

Brevet Canadian 1,328,892 is understood to be a Canadian Patent issued on April 26, 1994 and discloses a hockey stick as illustrated in FIG. 1 of the drawings.

EP 0 597 166 A2, A3, and B1 are understood to be European Patent Office publications relating to application 92811016.2 filed on December 22, 1992 disclosing a hockey stick as illustrated in FIGs. 1-5 of the A3 and B1 publications and the English text set forth in the B1 publication.

**INFORMATION DISCLOSURE STATEMENT FILING PROVISION:**

☐ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

- ☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
- ☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
- ☒ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.
- ☒ The fee due under 37 CFR § 1.17(p) is submitted herewith.
- ☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
- ☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

**STATEMENT UNDER 37 CFR § 1.97(e):**

- ☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- ☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

**PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:**

- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the above fee(s).  
☒ Please charge \$180.00 to Deposit Account No. **50-2468** for the above fee(s).

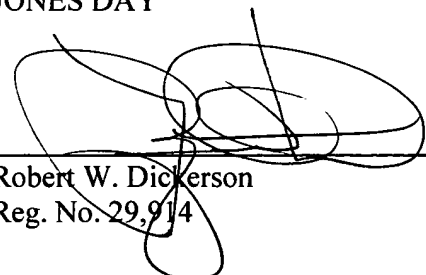
The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Jones Day's Deposit Account No. **50-2468**.

Dated: September 7, 2005

JONES DAY  
555 South Flower Street, Fiftieth Floor  
Los Angeles, CA 90071  
Tel. No. (213) 489-3939  
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**Customer No.: 34026**

Respectfully submitted,  
JONES DAY

By: \_\_\_\_\_

  
Robert W. Dickerson  
Reg. No. 29,914



Patent  
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Respectfully submitted,  
JONES DAY

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**LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT**

APPLICANT:

Halko et al.

FILING DATE: 10/20/2003

GROUP:

Express Mail No.

3711

SEP 07 2005

(Use several sheets if necessary)

## U.S. UTILITY PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	AA	1,601,116	09/28/26	Hall	Not Noted		01/25/26
	AB	2,201,706	05/21/40	Sukohl	154/40		11/02/37
	AC	2,304,322	12/08/42	Werlich	273/67		07/01/41
	AD	2,649,133	08/18/53	Just	154/1.8		02/28/48
	AE	2,674,557	04/06/54	Boggs	154/83		03/11/49
	AF	2,762,739	09/11/56	Weiss	154/90		11/19/53
	AG	2,774,596	12/18/56	Bredenberg	273/67		10/26/55
	AH	2,912,245	11/10/59	Gardner et al.	273/67		02/27/57
	AI	2,964,065	12/13/60	Haroldson	138/76		04/30/58
	AJ	3,020,192	02/06/62	Stephens et al.	156/423		10/08/58
	AK	3,125,478	03/17/64	Pratt	156/184		10/16/59
	AL	3,353,826	11/21/67	Traverse	273/67		04/06/65
	AM	3,489,412	01/13/70	Franck et al.	273/67		06/26/67
	AN	3,533,623	10/13/70	Dumont	273/67		10/02/67
	AO	3,544,104	12/01/70	Jenks	272/66		10/12/67
	AP	3,561,760	02/09/71	Klay	273/67		03/11/68
	AQ	3,563,546	02/16/71	Dawe	273/67		09/30/68
	AR	3,631,897	01/04/72	Fischer et al.	138/141		06/22/70
	AS	3,638,942	02/01/72	Bassett	273/67A		11/1769
	AT	3,720,410	03/13/73	Saytar	273/67A		01/04/71
	AU	3,727,936	04/17/73	Klir et al.	280/11.13 L		05/18/70
	AV	3,809,401	05/07/74	Hankele	273/67A		03/12/73
	AW	3,813,098	05/28/74	Fischer et al.	273/72 R		07/07/71

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 947977-100025	<b>SERIAL NO.</b> 10/689/545
	<b>APPLICANT:</b> Halko et al.	
	<b>FILING DATE: 10/20/2003</b> Express Mail No.	<b>GROUP:</b> 3711

**U.S. UTILITY PATENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	AX	3,851,880	12/03/74	Ritch	273/128R		10/06/72
	AY	3,859,162	01/07/75	Johnson et al.	161/160		05/11/73
	AZ	3,910,578	10/07/75	Brine, Jr.	273/ 96 D		02/28/74
	BA	3,934,875	01/27/76	Easton et al.	273/67 A		02/14/74
	BB	3,961,790	06/08/76	Milligan	273/67 A		02/05/75
	BC	3,970,324	07/20/76	Howat	280/610		10/09/74
	BD	3,982,760	09/28/76	Tiitola	273/67A		11/26/74
	BE	4,013,288	03/22/77	Goverde	273/67 A		07/14/75
	BF	4,013,810	03/22/77	Long	428/308		08/22/75
	BG	4,052,499	10/04/77	Goupil et al.	264/265		07/07/75
	BH	4,059,269	11/22/77	Tiitola	273/67A		02/13/76
	BI	4,061,520	12/06/77	Cecka et al.	156/245		09/03/76
	BJ	4,070,020	01/24/78	Dano	273/73 F		07/07/76
	BK	4,070,021	01/24/78	Cecka et al.	273/73 F		07/07/76
	BL	4,076,240	02/28/78	Haddad'	273/67 A		01/26/76
	BM	4,084,818	04/18/78	Goupil et al.	273/67 A		01/14/77
	BN	4,086,115	04/25/78	Sweet, Jr., et al.	156/178		10/16/75
	BO	4,124,208	11/07/78	Burns	273/67 A		05/09/77
	BP	4,124,670	11/07/78	Cecka et al.	264/45.3		07/07/78
	BQ	4,128,963	12/12/78	Dano	264/46.6		11/25/77
	BR	4,129,634	12/12/78	Cecka et al.	264/45.3		11/25/77
	BS	4,134,587	01/16/79	Diederich	273/67 A		11/15/76
	BT	4,148,482	04/10/79	Harwell, Jr. et al.	273/67 A		01/31/77

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	BU	4,159,114	06/26/79	Ardell et al.	273/67 A		03/19/76
	BV	4,172,594	10/30/79	Diederich	237/67 A		06/12/78
	BW	4,180,413	12/25/79	Diederich	156/185		06/12/78
	BX	4,200,479	04/29/80	Ardell et al.	156/154		02/24/78
	BY	4,212,461	07/15/80	Cecka et al.	273/73 F		07/10/78
	BZ	4,239,215	12/16/80	Farr	273/29 A		02/23/79
	CA	4,241,115	12/23/80	Temin	427/384		07/05/78
	CB	4,273,601	06/16/81	Weingart	156/189		10/31/77
	CC	4,320,160	03/16/82	Nishimura et al.	428/107		09/30/80
	CD	4,343,468	08/10/82	Lindgren	273/67 A		08/18/80
	CE	4,351,528	09/28/82	Duplin	273/67A		07/07/80
	CF	4,353,549	10/12/82	Goupil et al.	273/67 A		12/29/80
	CG	4,358,113	11/09/82	McKinnon, et al.	273/67 A		02/12/81
	CH	4,358,117	11/09/82	Deutsch	273/326		07/29/81
	CI	4,361,325	11/30/82	Jansen	273/67 A		04/03/81
	CJ	4,369,970	01/25/83	Salminen	273/67 A		07/10/79
	CK	4,461,479	07/24/84	Mitchell	273/81 A		03/01/82
	CL	4,488,721	12/18/84	Franck et al.	273/67A		03/21/82
	CM	4,504,344	03/12/85	Helle et al.	156/185		05/04/82
	CN	4,512,573	04/23/85	Coolen	273/67 A		02/15/83
	CO	4,520,042	05/28/85	Smith	427/209		01/31/84
	CP	4,537,398	08/27/85	Salminen	273/67 A		01/13/83
	CQ	4,570,932	02/18/86	Cote	273/67 A		04/23/84

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EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	CR	4,579,617	04/01/86	Öberg et al.	156/184		06/19/84
	CS	4,591,155	05/27/86	Adachi	273/67 A		03/05/85
	CT	4,600,192	07/15/86	Adachi	273/67 A		06/11/84
	CU	4,651,990	03/24/87	Profit	273/67 A		07/29/85
	CV	4,660,832	04/28/87	Shomo	273/73J		03/25/85
	CW	4,664,379	05/12/87	Melby	273/67 A		05/29/85
	CX	4,684,130	08/04/87	Drolet et al.	273/67 A		02/18/83
	CY	4,739,994	04/26/88	Lewis, Jr.	273/326		10/29/86
	CZ	4,765,856	08/23/88	Doubt	156/212		09/23/87
	DA	4,770,915	09/13/88	Nakagawa et al.	428/74		12/09/86
	DB	4,793,616	12/27/88	Fernandez	273/167 H		01/21/87
	DC	4,799,985	01/24/89	McMahon et al.	156/166		04/28/86
	DD	4,818,318	04/04/89	McMahon et al.	156/166		04/28/86
	DE	4,871,491	10/03/89	McMahon et al.	264/29.2		01/06/87
	DF	4,874,563	10/17/89	McMahon et al.	264/29.2		12/05/86
	DG	4,923,541	05/08/90	Burger	156/87		10/22/88
	DH	4,968,032	11/06/90	Redekop	273/67 A		04/13/89
	DI	5,024,712	06/18/91	Lecourt et al.	156/184		05/07/90
	DJ	5,042,804	08/27/91	Uke et al.	273/75		07/23/90
	DK	5,042,805	08/27/91	Nakai	273/80 B		01/03/90
	DL	5,048,441	09/17/91	Quigley	114/90		06/14/89
	DM	5,050,878	09/24/91	Deleris	273/67 A		10/10/89
	DN	5,067,726	11/26/91	Brine, III et al.	273/326		12/14/90

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	DO	5,076,872	12/31/91	Nakagawa et al.	156/166		06/09/88
	DP	5,078,396	01/07/92	Cavallaro et al.	273/67 A		08/17/89
	DQ	5,127,649	07/07/92	Cabeonero	273/67A		12/26/91
	DR	5,160,135	11/03/92	Hasegawa	273/67A		04/02/91
	DS	5,174,567	12/29/92	Nordstrom	273/67 A		08/14/90
	DT	5,183,264	02/02/93	Lanctot	273/67 A		04/09/92
	DU	5,188,872	02/23/93	Quigley	428/36.2		12/13/91
	DV	5,206,085	04/27/93	Nakagawa et al.	428/372		05/13/91
	DW	5,217,221	06/08/93	Baum	273/67 A		04/19/91
	DX	5,242,637	09/07/93	Inoue et al.	264/45.3		03/31/92
	DY	5,261,662	11/16/93	Prevost	273/67A		06/13/91
	DZ	5,303,916	04/19/94	Rodgers	273/67A		09/30/92
	EA	5,306,003	04/26/94	Pagotto	273/67 A		07/08/92
	EB	5,312,100	05/17/94	Ilacqua et al.	273/67 A		04/20/93
	EC	5,332,212	07/26/94	Susi et al.	273/67 A		01/22/93
	ED	5,333,857	08/02/94	Lallemand	273/67 A		12/30/92
	EE	5,364,693	11/15/94	Moren et al.	428/263		01/25/93
	EF	5,380,002	01/10/95	Spector	273/58 H		12/11/92
	EG	5,407,195	04/18/95	Tiitola, et al.	273/67A		10/06/92
	EH	5,419,553	05/30/95	Rodgors	273/67 A		04/18/94
	EI	5,423,531	06/13/95	Hoshizaki et al.	273/67 A		07/01/94
	EJ	5,423,735	06/13/95	Callinan et al.	602/8		04/16/93
	EK	5,435,548	07/25/95	Leduke et al.	273/67 A		03/07/94

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**U.S. UTILITY PATENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	EL	5,439,215	08/08/95	Ratchford	273/67 A		01/25/94
	EM	5,456,463	10/10/95	Dolan et al.	273/67A		09/23/94
	EN	5,458,330	10/17/95	Baum	273/72 R		06/20/94
	EO	Re. 35,081	11/07/95	Quigley	428/36.2		06/14/90
	EP	5,470,067	11/28/95	Diresta	273/57.2		01/27/95
	EQ	5,492,425	02//20/96	Carter et al.	401/10		07/08/94
	ER	5,496,027	03/05/96	Christian, et al.	273/67A		04/01/94
	ES	5,511,776	04/30/96	Huru	273/67 A		03/10/95
	ET	5,520,385	05/28/96	Quigley et al.	273/57.2		07/30/93
	EU	5,524,884	06/11/96	Haines	273/67 R		05/11/94
	EV	5,533,723	07/09/96	Baum	273/72 R		07/20/95
	EW	5,549,947	08/27/96	Quigley et al.	428/36.2		02/03/94
	EX	5,556,677	09/17/96	Quigley et al.	428/36.2		01/07/94
	EY	5,558,326	09/24/96	Adamson et al.	273/67 A		05/09/95
	EZ	5,577,725	11/26/96	Pagotto et al.	273/67 A		12/04/95
	FA	5,582,405	12/10/96	Montgomery	273/67 A		03/20/96
	FB	5,582,406	12/10/96	Babcock	273/67 A		09/18/95
	FC	5,593,158	01/14/97	Filice et al.	473/520		12/21/95
	FD	5,599,242	02/04/97	Solviche et al.	473/318		02/06/96
	FE	5,603,498	02/18/97	Crawford et al.	473/563		07/13/94
	FF	5,607,154	03/04/97	Meumann et al.	473/562		08/09/95
	FG	5,607,226	03/04/97	Toth et al.	362/251		06/07/96
	FH	5,624,115	04/29/97	Baum	473/567		08/25/95

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
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ATTY. DOCKET NO.  
947977-100025SERIAL NO.  
10/689/545

## APPLICANT:

Halko et al.

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3711

## U.S. UTILITY PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	FI	5,628,509	05/13/97	Christian	473/562		09/25/95
	FJ	5,633,299	05/27/97	Van Druten et al.	524/14		10/24/95
	FK	5,636,836	06/10/97	Carroll, et al.	473/561		06/06/95
	FL	5,653,468	08/05/97	Ostapyk	280/809		05/30/96
	FM	5,653,643	08/05/97	Falone et al.	473/300		11/20/95
	FN	5,655,981	08/12/97	Reed	473/560		02/14/96
	FO	5,674,141	10/07/97	Laforest	473/559		10/23/96
	FP	5,676,608	10/14/97	Christian et al.	473/563		03/21/96
	FQ	5,685,791	11/11/97	Feeney	473/513		12/28/95
	FR	5,685,792	11/11/97	Ruoff	473/563		11/22/95
	FS	5,688,571	11/18/97	Quigley et al.	428/36.1		02/05/96
	FT	5,690,850	11/25/97	Anderson	219/535		03/22/95
	FU	5,695,416	12/09/97	Christian	473/562		09/24/96
	FV	5,697,857	12/16/97	Christian et al.	473/563		01/04/96
	FW	5,700,533	12/23/97	You	428/36.3		10/05/95
	FX	5,718,647	02/17/98	Tiitola	473/562		03/25/96
	FY	5,728,008	03/17/98	Howard	473/308		02/10/97
	FZ	5,728,016	03/17/98	Hsu	473/563		03/17/97
	GA	5,744,528	04/28/98	Callinan et al.	524/265		05/15/95
	GB	5,746,955	05/05/98	Calapp et al.	264/103		06/07/95
	GC	5,772,541	06/30/98	Buiatti	473/520		05/01/97
	GD	5,816,949	10/06/98	Dutchburn	473/563		10/08/93
	GE	5,816,962	10/06/98	Etersque	473/563		05/16/97

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## U.S. UTILITY PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	GF	5,816,963	10/06/98	Brooks et al.	473/564		01/24/97
	GG	5,823,901	10/20/98	Burger	473/560		06/14/95
	GH	5,827,141	10/27/98	Lukey et al.	473/563		12/19/96
	GI	5,839,977	11/24/98	Maurer et al.	473/446		06/26/95
	GJ	5,863,268	01/26/99	Birch	473/563		01/05/96
	GK	5,863,269	01/26/99	Filice	473/562		07/07/97
	GL	5,865,694	02/02/99	Duong-Van	473/520		03/26/98
	GM	5,865,696	02/02/99	Calapp et al.	473/561		05/16/96
	GN	5,866,051	02/02/99	Lin et al.	264/45.9		04/23/97
	GO	5,879,250	03/09/99	Tahtinen et al.	473/561		11/19/96
	GP	5,888,601	03/30/99	Quigley et al.	428/36.1		07/15/96
	GQ	5,904,873	05/18/99	Sadler et al.	219/535		07/28/97
	GR	5,928,090	07/27/99	Cabales et al.	473/318		09/09/97
	GS	5,943,767	08/31/99	Milam	29/800		03/25/98
	GT	5,967,913	10/19/99	Sulenta	473/560		12/19/97
	GU	5,979,288	11/09/99	Gallagher et al.	87/36		05/18/98
	GV	5,980,404	11/09/99	Gentile	473/560		12/31/97
	GW	5,980,674	11/09/99	Burger	156/189		02/11/97
	GX	5,997,970	12/07/99	You	428/36.2		06/17/97
	GY	6,001,035	12/14/99	Roberts	473/562		03/20/97
	GZ	6,004,900	12/21/99	O'Brien, III	503/227		08/22/97
	HA	6,019,691	02/01/00	Hillborn	473/563		06/29/98
	HB	6,033,326	03/07/00	Lee	473/560		03/27/95

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## U.S. UTILITY PATENTS

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	HC	6,033,327	03/07/00	Bird	473/560		06/16/98
	HD	6,033,328	03/07/00	Bellefleur et al.	473/561		08/13/98
	HE	6,036,610	03/14/00	Lewark	473/564		03/01/99
	HF	6,039,661	03/21/00	Christian et al.	473/562		08/06/97
	HG	6,045,906	04/04/00	McMahon et al.	428/364		11/12/92
	HH	6,062,995	05/16/00	Murphy et al.	473/562		07/20/98
	HI	6,062,996	05/16/00	Quigley	473/563		03/19/97
	HJ	6,063,839	05/16/00	Oosedo et al.	523/206		05/09/96
	HK	6,102,819	08/15/00	Christian et al.	473/563		08/21/97
	HL	6,113,508	09/05/00	Locarno et al.	473/516		08/18/98
	HM	6,117,029	09/12/00	Kunisaki et al.	473/561		03/17/98
	HN	6,129,962	10/10/00	Quigley et al.	428/36.1		02/25/99
	HO	6,152,840	11/28/00	Baum	473/564		09/03/99
	HP	6,155,932	12/05/00	Cabales et al.	473/319		07/06/99
	HQ	6,176,640 B1	01/23/01	Gonczi	403/375		07/14/99
	HR	6,183,384 B1	02/06/01	Roberto	473/563		08/23/99
	HS	6,203,447 B1	03/20/01	Dillard	473/316		12/07/99
	HT	6,206,793 B1	03/27/01	Burger	473/561		12/23/97
	HU	6,224,505 B1	05/01/01	Burger	473/561		09/08/99
	HV	6,234,923 B1	05/22/01	Gentile	473/563		09/21/99
	HW	6,241,633 B1	06/05/01	Conroy	473/561		02/20/98
	HX	6,248,031 B1	06/19/01	Brodie	473/560		05/17/99
	HY	6,250,193 B1	06/26/01	Head	87/2		10/02/97

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## U.S. UTILITY PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	U.S. CLASS	PUBLICATION DATE	FILING DATE
	HZ	6,257,997 B1	07/10/01	Doble et al.	473/516		08/18/99
	IA	6,267,697 B1	07/31/01	Sulenta	473/560		08/26/99
	IB	6,273,829 B1	08/14/01	Carlson et al.	473/316		01/22/99
	IC	6,273,835 B1	08/14/01	Battis et al.	473/563		12/20/99
	ID	6,274,230 B1	08/14/01	Sarrelongue et al.	428/293.7		06/25/99
	IE	6,306,474 B1	10/23/01	Yoshioka et al.	428/36.4		12/22/98
	IF	6,352,485 B1	03/05/02	Philpot et al.	473/564		01/09/97
	IG	6,358,166 B1	03/19/02	Yu	473/561		01/07/00
	IH	6,364,792 B1	04/02/02	Evanochko	473/560		05/25/00
	II	6,364,793 B1	04/02/02	Valarik	473/563		09/22/94
	IJ	6,395,210 B1	05/28/02	Head et al.	264/137		05/12/99
	IK	6,399,199 B1	06/04/02	Fujino et al.	428/396		03/27/00
	IL	6,403,504 B1	06/11/02	McMahon et al.	442/197		12/02/99
	IM	6,515,081 B2	02/04/03	Oosedo et al.	525/531		06/14/99
	IN	6,525,125 B1	02/25/03	Giardello et al.	524/439		02/04/00
	IO	6,565,280 B1	05/20/03	Post	403/325		07/14/00
	IP	6,610,382 B1	08/26/03	Kobe et al.	428/119		08/11/00

## U.S. PUBLISHED UTILITY PATENT APPLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	PUBLICATION DATE	FILING DATE
	AA	US 2001/0029813 A1		Schroder	81/20	10/18/01	10/16/97
	AB	US 2002/0007022 A1		Oosedo et al.	525/527	01/17/02	10/14/98

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## U.S. PUBLISHED UTILITY PATENT APPLICATIONS

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	AC	US 2002/0061374 A1		O'Brien	428/36.9	05/23/02	01/29/99
	AD	US 2002/0107095 A1		Becker	473/564	08/08/02	10/08/99
	AE	US 2002/0198071 A1		Snow	473/564	12/26/02	07/22/98

## U.S. DESIGN PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	PUBLICATION DATE	FILING DATE
	AA	Des. 244,790	06/21/77	Carlson et al.	D34/35 BC		09/16/75
	AB	Des. 329,888	09/29/92	Christian	D21/211		12/19/89
	AC	Des. 404,449	01/19/99	Burger	D21/727		01/23/98
	AD	Des. 412,544	08/03/99	Burger	D21/727		01/23/98
	AE	Des. 430,249	08/29/00	Burger	D21/757		08/09/99
	AF	Des. 431,273	09/26/00	Burger	D21/757		01/07/99
	AG	Des. 440,617	04/17/01	Goldsmith et al.	D21/753		12/16/99

## INTERNATIONAL APPLICATIONS PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

EXAMINER INITIAL		DOCUMENT NUMBER & ATTACHMENTS	INT'L FILING DATE	PUBLICATION LANGUAGE	INT'L CLASS	INTERNATIONAL PUBLICATION DATE	TRANSLATION YES NO	
	AA	WO 82/03789 w/ Int'l Search Report	05/04/82	English	A63B 59/12	11/11/82	N/A	
	AB	WO 90/15712 w/ Int'l Search Report	06/14/90	English	B32B 5/12	12/27/91	N/A	
	AC	WO 91/08803 w/ Int'l Search Report and Annex thereto	12/07/90	English	A63B 59/12	06/27/91	N/A	
	AD	WO 91/16955 w/ Int'l Search Report	05/07/90	English	A63B 69/36	11/14/91	N/A	

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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 947977-100025	<b>SERIAL NO.</b> 10/689/545
	<b>APPLICANT:</b> Halko et al.	
	<b>FILING DATE:</b> 10/20/2003 <b>Express Mail No.</b>	<b>GROUP:</b> 3711

**INTERNATIONAL APPLICATIONS PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)**

EXAMINER INITIAL		DOCUMENT NUMBER & ATTACHMENTS	INT'L FILING DATE	PUBLICATION LANGUAGE	INT'L CLASS	INTERNATIONAL PUBLICATION DATE	TRANSLATION YES NO	
	AE	WO 93/05219 w/ Int'l Search Report	09/11/92	English	D03D 11/02	03/18/93	N/A	
	AF	WO 94/21334 w/ Int'l Search Report	03/15/94	English	A63B 59/14, 59/02	09/29/94	N/A	
	AG	WO 94/23768 w/ Int'l Search Report	02/22/94	English	A61L 15/07, A61F, 13/04	10/27/94	N/A	
	AH	WO 95/01820 w/ Int'l Search Report	07/08/94	English	A63B 59/14	01/19/95	N/A	
	AI	WO 95/24245 w/ Int'l Search Report	03/13/95	English	A63B 59/12	09/14/95	N/A	
	AJ	WO 96/01137 w/ Int'l Search Report	06/30/95	English	A63B 59/14	01/18/96	N/A	
	AK	WO 96/01699 w/ Int'l Search Report	06/20/95	English	B05C 17/00	01/25/96	N/A	
	AL	WO 96/02385 w/ Int'l Search Report	01/05/95	English	B32B 27/00, 27/40, C08j 7/00, C08l 75/00, C08G 18/10, 18/32, A63B 49/08, 53/14, 67/04, 59/00	02/01/96	N/A	
	AM	WO 96/13549 w/ Int'l Search Report	10/31/95	English	C08L 73/00, 97/02, C08G 67/02	05/09/96	N/A	
	AN	WO 97/03730 w/ Int'l Search Report & amended claims	07/11/96	English	A63B 59/14	02/06/97	N/A	
	AO	WO 97/03820 w/ Int'l Search Report	07/15/96	English	B32B 5/06, B29D 22/00, B63B 15/00	02/06/97	N/A	
	AP	WO 97/29808 w/ Int'l Search Report	02/14/97	English	A63B 49/08, 53/14, 59/06, 59/12, 59/16, B25G 1/00	08/21/97	N/A	

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	AQ	WO 97/33660 w/ Int'l Search Report	03/06/97	English	A63B 59/12	09/18/97	N/A	
	AR	WO 97/41929	05/02/97	English	A63B 59/12	11/13/97	N/A	
	AS	WO 98/01189 w/ Int'l Search Report	06/13/97	English	A63B 59/14, C08G 18/10, 18/32, 18/48, 18/76, 18/66	01/15/98	N/A	
	AT	WO 98/19753 w/ Int'l Search Report	10/21/97	English	A63B 59/14	05/14/98	N/A	
	AU	WO 98/24616 w/ Int'l Search Report	12/01/97	English	B29D 23/00, D04C 1/02, 1/04	06/11/98	N/A	
	AV	WO 98/41292 w/ Int'l Search Report	03/17/98	English	A63B 59/12	09/24/98	N/A	
	AW	WO 98/55182 (cover page only)	05/07/98	English	A63B	12/10/98	N/A	
	AX	WO 99/17845 w/ Int'l Search Report	09/23/98	English	A63B 59/12	04/15/99	N/A	
	AY	WO 99/32198 w/ Int'l Search Report	12/15/98	English	A63B 59/12	07/01/99	N/A	
	AZ	WO 99/60030 w/ Int'l Search Report	05/18/99	English	C08F 4/20, 32/04, 32/08	11/25/99	N/A	
	BA	WO 00/03769 w/ Int'l Search Report	06/08/99	German	A63B 59/12, B32B 3/28	01/27/00	Abstract only	
	BB	WO 00/09222	08/12/99	English	A63C	02/24/00	N/A	
	BC	WO 00/10655 w/ Int'l Search Report	08/18/99	English	A63B 59/00	03/02/00	N/A	
	BD	WO 00/27632 w/ Int'l Search Report	11/05/99	English	B32B 27/12, C08J 5/24, B29C 70/06	05/18/00	N/A	
	BE	WO 00/32278 w/ Int'l Search Report	11/30/99	English	A63B 59/14	06/08/00	N/A	

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	BF	WO 00/46255 w/ Int'l Search Report	02/04/00	English	C08F 4/80, 4/06, 263/04, C08K 3/14, 3/22	08/10/00	N/A	

## CANADIAN PATENTS

EXAMINER INITIAL		APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	LANGUAGE	TRANSLATION YES	NO
	AA	546,746	10/04/46	489072	12/23/52	English	N/A	
	AB	unknown	unknown	557838	May 1958	English	N/A	
	AC	unknown	unknown	633295	12/26/61	English	N/A	
	AD	030,851	09/25/68	903285	06/20/72	English	N/A	
	AE	207,171	08/16/74	1043065	11/28/78	English	N/A	
	AF	243,658	01/14/76	1043379	11/28/78	English	N/A	
	AG	245,899	02/17/76	1047561	01/30/79	English	N/A	
	AH	233,263	07/30/75	1063747	10/02/79	English	N/A	
	AI	252,521	05/14/76	1069147	01/01/80	English	N/A	
	AJ	273,097	03/03/77	1072142	02/19/80	English	N/A	
	AK	360,488	09/18/80	1138912	01/04/83	English	N/A	
	AL	162,352	01/24/73	1145371	04/26/83	English	N/A	
	AM	248,349	03/12/76	1147767	06/07/83	English	N/A	
	AN	149,909	08/21/72	1151693	08/09/83	English	N/A	
	AO	389,921	11/12/81	1180728	01/08/85	English	N/A	
	AP	401,664	04/26/82	1183883	03/12/85	English	N/A	
	AQ	438,758	10/11/83	1187525	05/21/85	English	N/A	
	AR	418,423	12/23/82	1205835	06/10/86	English	N/A	
	AS	456,047	06/07/84	1206309	06/24/86	English	N/A	

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	AT	442,370	12/01/83	1206497	06/24/86	English	N/A	
	AU	480,217	04/26/85	1207350	07/08/86	English	N/A	
	AV	443,408	12/15/83	1219886	03/31/87	English	N/A	
	AW	463,915	09/24/84	1230898	12/29/87	English	N/A	
	AX	596,613	04/13/89	1310674	11/24/92	English	N/A	
	AY	614,138	09/28/89	1328892	04/26/94	French		X
	AZ	2,086,470	12/30/92	2,086,470	02/02/99	English	N/A	
	BA	2,096,304	05/14/93	2,096,304	08/11/98	English	N/A	
	BB	unknown	09/09/93	2,105,797	05/02/95	English	N/A	
	BC	unknown	06/07/94	2,125,343	12/05/95	English	N/A	
	BD	2,223,098	01/28/98	2,223,098	12/01/98	English	N/A	

## CANADIAN PATENT APPLICATIONS

EXAMINER INITIAL		APPLICATION NUMBER	FILING DATE		PUBLICATION DATE	LANGUAGE	TRANSLATION YES	NO
	AA	2,029,109	11/01/90		05/02/92	English	N/A	
	AB	2,037,273	02/25/91		08/26/92	English	N/A	
	AC	2,062,635	03/11/92		09/12/93	English	N/A	
	AD	2,066,476	04/21/92		10/20/92	English	N/A	
	AE	2,067,087	04/24/92		10/25/93	English	N/A	
	AF	2,071,022	06/12/92		12/14/92	English	N/A	
	AG	2,071,859	12/07/90		06/16/91	English	N/A	
	AH	2,081,439	10/26/92		04/27/94	English	N/A	
	AI	2,088,899	02/05/93		08/06/94	English	N/A	
	AJ	2,099,853	07/05/93		02/06/95	English	N/A	

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

Halko et al.

FILING DATE: 10/20/2003  
Express Mail No.GROUP:  
3711

(Use several sheets if necessary)

## CANADIAN PATENT APPLICATIONS

EXAMINER INITIAL		APPLICATION NUMBER	FILING DATE		PUBLICATION DATE	LANGUAGE	TRANSLATION YES	NO
	AK	2,108,069	10/08/93		04/09/95	English	N/A	
	AL	2,120,809	04/07/94		10/08/94	English	N/A	
	AM	2,123,248	05/10/94		10/02/95	English	N/A	
	AN	2,132,567	09/21/94		07/25/95	English	N/A	
	AO	2,160,731	10/17/95		04/18/97	English	N/A	
	AP	2,162,444	11/08/95		12/16/96	English	N/A	
	AQ	2,164,188	11/30/95		05/31/97	English	N/A	
	AR	2,169,216	02/09/96		08/10/96	English	N/A	
	AS	2,180,893	07/10/96		01/11/98	English	N/A	
	AT	2,190,431	11/15/96		05/07/98	English	N/A	
	AU	2,200,663	03/21/97		09/25/97	English	N/A	
	AV	2,202,454	04/11/97		10/11/98	English	N/A	
	AW	2,228,104	01/28/98		09/12/98	English	N/A	
	AX	2,238,291	05/20/98		02/06/99	English	N/A	
	AY	2,244,610	07/31/98		02/11/99	English	N/A	
	AZ	2,262,210	02/17/99		08/20/99	English	N/A	
	BA	2,272,497	05/19/99		12/08/99	English	N/A	
	BB	2,289,988	11/16/99		05/16/01	English	N/A	

## EUROPEAN PATENT OFFICE (EPO) PATENT APPLICATIONS, SPECIFICATIONS AND RELATED DOCUMENTS

EXAMINER INITIAL		DOCUMENT PUBLICATION NUMBER	FILING DATE	APPLICATION NUMBER	PUBLICATION /ISSUE DATE	LANGUAGE	TRANSLATION YES	NO
	AA	EP 0 172 564 A2	08/20/85	85110453.9	02/26/86	English	N/A	
	AB	EP 0 172 564 A3	08/20/85	85110453.9	10/14/87	English	N/A	

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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 947977-100025	<b>SERIAL NO.</b> 10/689/545
	<b>APPLICANT:</b> Halko et al.	
	<b>FILING DATE: 10/20/2003</b> Express Mail No.	<b>GROUP:</b> 3711

**EUROPEAN PATENT OFFICE (EPO) PATENT APPLICATIONS, SPECIFICATIONS AND RELATED DOCUMENTS**

EXAMINER INITIAL		DOCUMENT PUBLICATION NUMBER	FILING DATE	APPLICATION NUMBER	PUBLICATION /ISSUE DATE	LANGUAGE	TRANSLATION YES	NO
	AC	EP 0 226 420 A2	12/05/86	86309517.0	06/24/87	English	N/A	
	AD	EP 0 226 420 A3	12/05/86	86309517.0	03/02/88	English	N/A	
	AE	EP 0 226 420 B1	12/05/86	86309517.0	08/12/92	English	N/A	
	AF	EP 0 351 201 A2	07/12/89	89307059.9	01/17/90	English	N/A	
	AG	EP 0 407 996 A2	07/11/90	90113245.6	01/16/91	English	N/A	
	AH	EP 0 407 996 A3	07/11/90	90113245.6	01/02/92	English	N/A	
	AI	EP 0 407 996 B1	07/11/90	90113245.6	12/14/94	English	N/A	
	AJ	EP 0 441 971 A1	08/27/90	90912516.3	08/21/91	English	N/A	
	AK	EP 0 441 971 B1	08/27/90	90912516.3	02/28/96	English	N/A	
	AL	EP 0 487 549 B1	06/14/90	90911104.9	09/10/97	English	N/A	
	AM	EP 0 504 230 B1	12/07/90	91900671.8	07/08/98	English	N/A	
	AN	EP 0 523 913 A1	07/09/92	92306298.8	01/20/93	English	N/A	
	AO	EP 0 523 913 B1	07/09/92	92306298.8	04/17/96	English	N/A	
	AP	EP 0 532 444 A1	08/14/92	92500107.5	03/17/93	English	N/A	
	AQ	EP 0 585 965 A1	07/11/90	93116621.9	03/09/94	English	N/A	
	AR	EP 0 597 166 A2	12/22/92	92811016.2	05/18/94	French		X
	AS	EP 0 597 166 A3	12/22/92	92811016.2	02/15/95	French		X
	AT	EP 0 597 166 B1	12/22/92	92811016.2	03/12/97	French/ English	Partially	
	AU	EP 0 662 391 A2	01/07/95	95100159.3	07/12/95	English	N/A	
	AV	EP 0 662 391 A3	01/07/95	95100159.3	11/15/95	English	N/A	
	AW	EP 0 733 469 A2	06/14/90	96108647.7	09/25/96	English	N/A	
	AX	EP 0 733 469 A3	06/14/90	96108647.7	11/06/96	English	N/A	
	AY	EP 0 742 266 A2	05/09/96	96303252.9	11/13/96	English	N/A	

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	<b>APPLICANT:</b> Halko et al.	
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**EUROPEAN PATENT OFFICE (EPO) PATENT APPLICATIONS, SPECIFICATIONS AND RELATED DOCUMENTS**

EXAMINER INITIAL		DOCUMENT PUBLICATION NUMBER	FILING DATE	APPLICATION NUMBER	PUBLICATION /ISSUE DATE	LANGUAGE	TRANSLATION YES NO	
	AZ	EP 0 742 266 A3	05/09/96	96303252.9	01/20/99	English	N/A	
	BA	EP 0 764 453 A1	09/17/96	96306800.2	03/26/97	English	N/A	
	BB	EP 0 927 628 A1	04/22/98	98917630.0	07/07.99	English	N/A	
	BC	EP 0 947 562 A1	10/14/98	98947875.5	10/06/99	English	N/A	

**OTHER FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	FILING DATE	COUNTRY	PUBLICATION/ ISSUE DATE	LANGUAGE	TRANSLATION YES NO	
	AA	65018	12/31/82	Finland	11/30/83	Finnish		X
	AB	376009	unknown	Germany	12/13/21	German	X	
	AC	DE 3238117 A1	10/14/82	Germany	06/30/83	German		X
	AD	637,779	05/27/49	United Kingdom	05/24/50	English	N/A	
	AE	1,121,051	02/02/67	United Kingdom	07/24/68	English	N/A	
	AF	169,928	10/31/56	Sweden	10/08/59/ 12/22/59	Swedish	X	

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